

Amendments to the Claims:

This listing of claims will replace all prior versions and listing of claims in the application.

Listing of Claims:

Claims 1-60 (canceled).

Claim 61 (new): A method of inducing an immune response comprising applying a formulation to skin of a subject, wherein the formulation comprises an antigen and an adjuvant, wherein the formulation is applied in dry form.

Claim 62 (new): The method of claim 61, wherein the formulation consists essentially of the antigen and the adjuvant.

Claim 63 (new): The method of claim 61 or 62, wherein the antigen is a carbohydrate, glycolipid, glycoprotein, lipid, lipoprotein, phospholipid, polypeptide, protein, fusion protein, or a chemical conjugate of a combination thereof.

Claim 64 (new): The method of claim 61 or 62, wherein the antigen is a pathogen.

Claim 65 (new): The method of claim 64, wherein the pathogen is selected from the group consisting of bacterium, virus, fungus, and parasite.

Claim 66 (new): The method of claim 65, wherein the virus is a live virus, an attenuated live virus, or an inactivated virus.

Claim 67 (new): The method of claim 66, wherein the virus is a rabies virus or an influenza virus.

Claim 68 (new): The method of claim 67, wherein the influenza virus expresses a

glycoprotein.

Claim 69 (new): The method of claim 68, wherein the glycoprotein is the influenza antigen.

Claim 70 (new): The method of claim 61 or 62, wherein the antigen is derived from a pathogen selected from the group consisting of bacterium, virus, fungus, and parasite.

Claim 71 (new): The method of claim 70, wherein the bacterium is bacillus anthracis.

Claim 72 (new): The method of claim 70, wherein the antigen is derived from an influenza virus.

Claim 73 (new): The method of claim 70, wherein the antigen is an influenza antigen.

Claim 74 (new): The method of claim 70, wherein the antigen is multivalent.

Claim 75 (new): The method of claim 61 or 62, wherein the adjuvant is selected from the group consisting of bacterial DNA, chemokines, tumor necrosis factor alpha, genetically detoxified toxins, chemically conjugated bacterial ADP ribosylating exotoxins, unmethylated CpG dinucleotides, lipopolysaccharides, and cytokines.

Claim 76 (new): The method of claim 75, wherein the adjuvant is an ADP-ribosylating exotoxin.

Claim 77 (new): The method of claim 76, wherein the antigen is an influenza antigen.

Claim 78 (new): The method of claim 70, wherein the antigen and adjuvant are a single molecule.

Claim 79 (new): The method of claim 78, wherein the single molecule is E. coli heat-

labile enterotoxin (LT).

Claim 80 (new): The method of claim 78, wherein the single molecule is an influenza antigen.

Claim 81 (new): The method of claim 61 or 62, further comprising pretreating the skin.

Claim 82 (new): The method of claim 81, wherein the skin is pretreated physically or chemically to enhance immunization.

Claim 83 (new): The method of claim 82, wherein the skin is pretreated by applying alcohol to the skin prior to application of the formulation.

Claim 84 (new): The method of claim 61 or 62, wherein the formulation is applied with an occlusive dressing.

Claim 85 (new): The method of claim 84, wherein the occlusive dressing comprises an adhesive surface.

Claim 86 (new): The method of claim 85, wherein the adhesive surface comprises the formulation.

Claim 87 (new): The method of claim 84, wherein the occlusive dressing covers a surface area of the skin which is larger than at least one draining lymph node field.

Claim 88 (new): The method of claim 61 or 62, wherein the formulation is applied with a patch.

Claim 89 (new): The method of claim 88, wherein the patch comprises a matrix for holding the formulation.

Claim 90 (new): The method of claim 89, wherein the matrix comprises rayon.

Claim 91 (new): The method of claim 61 or 62, wherein the formulation comprises a sugar.

Claim 92 (new): The method of claim 91, wherein the formulation comprises one or more sugars.

Claim 93 (new): The method of claim 92, wherein one of the sugars is sucrose.

Claim 94 (new): The method of claim 91, wherein the sugars are sucrose and trehalose.

Claim 95 (new): The method of claim 94, wherein the formulation is applied with a patch.

Claim 96 (new): The method of claim 95, wherein the patch comprises a matrix for holding the formulation.

Claim 97 (new): The method of claim 96, wherein the matrix comprises rayon.